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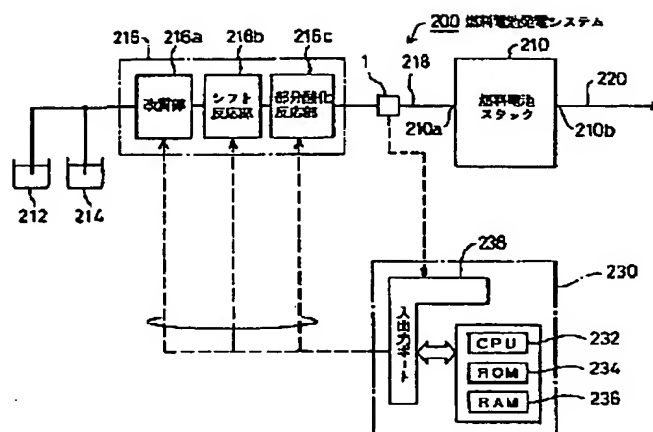
APPLICATION DATE : 22-09-95
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APPLICANT : TOYOTA MOTOR CORP;

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TITLE : FUEL CELL POWER GENERATING
SYSTEM



ABSTRACT : PURPOSE: To enhance the performance of a fuel cell by surely preventing catalyst poisoning of the fuel cell.

CONSTITUTION: A carbon monoxide sensor 1 is arranged in a fuel gas supply path connecting a reformer 216a for producing fuel gas which is hydrogen rich gas from methanol and water and a fuel cell 210. Carbon monoxide concentration D in the fuel gas is detected (step 100) with the carbon monoxide sensor 1, and when the carbon monoxide concentration D is higher than the previously set concentration DO, the amount of air blowing in a partial oxidation reaction part 216c of the reformer 216a is increased (step 270). As a result, the reaction oxidizing carbon monoxide into carbon dioxide in the partial oxidation reaction part 216c is accelerated, and the concentration of carbon monoxide in the fuel gas is reduced.

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